Soybean Rust Meeting, February 4, 2005
Summary & Action Items

Topic 1: Decision Criteria for fungicide Application

- NC 504 Guidelines fungicide Manual (pdf) before March 1, 2005
- "How to" recommendations
- Guidelines for fungicide applications

Who: Anne Dorrance, Allison Tally, Marty Draper, Don Hershman
Timeframe: Southern Soybean Disease Workers Meeting, March 2 – 3, 2005, Scottsdale, AZ

Topic 2: Domestic & International SBR Surveillance & Monitoring Systems

- Legal recommendations still need to be done
- Sufficient information about fungicide input from farmers to buy pesticides (*2 comments)
- National and Regional Coordinator
- Sentinel plots vs. passive data that passes through Lab duplication of hits
- No funding – LA, MS, AL Especially
- Sentinel spores in the air & come up with models to indicate spores; spore catching
- Spores will be moving in U.S. more than in Brazil (come up with spore measurement system).
- Non Soybean hosts for Sentinel plots?
- Were aerobiologists Consulted? At state level?
- Check rain deposition data

Who: Glenn Hartman, Roger Magarey, X.B. Yang, David Wright, John Rupe, Kitty Cardwell(diagnostics), Coanne O'Hern, Brian Kopper, Stuart Kuehn
Timeframe: for Working Group to decide

Topic 3: Information Management
Who: Coanne O'Hern, Joseph Russo (Zedx), Brian Kopper, Stuart Kuehn, Kitty Cardwell.
Report posted on web or some other mechanism.

Topic 4: Predictive Models

- Just give U.S. (farmers) the facts make sure accurate
  -"when do the spores come & when do I spray"

Who: Scott Isard, Forrest Nutter

Topic 5: Communication and Outreach
Where do we go from here: How do we work better communication strategy for folks on the state level/Fed

- Outreach NC 504, Meeting @ the end of the month
- Policy
- Press
- Risk Communication
- Interface with mapping
- APS offering Symposium in the late fall to discuss lessons learned
- Plant Management Network front page on Soybean Rust – Free
- Real time publishing of fungicide efficacy studies
- University of Kentucky List Serve to facilitate communication (dherschman@uky.edu)
- Extension Issues pesticide application issues & Education
- Soybean Rust Hotline
- American Certified Crop Advisors

Who: Bill Hoffman (CSREES), Steve Cain, Anne Dorrance, Loren Giesler, Mike Brown, Bob Ehart, X.B. Yang

SUMMARY

Soybean Rust Meeting, February 4, 2004, Indianapolis, IN.
In response to the November, 2004, introduction of soybean rust (SBR), caused by *Phakospora pachyrhizi*, the U.S. Department of Agriculture, Animal and Plant Health Inspection Service (APHIS) is leading the development of a Federal/State/industry coordinated framework for the 2005 growing season. On February 4, 2005, APHIS hosted a meeting in Indianapolis, Indiana, to present a ***Coordinated Framework for Soybean Rust Surveillance, Reporting, Prediction, and Management.*** The meeting was attended by 122 individuals from industry, federal agencies, state departments of agriculture, and universities. The goal of the framework is to provide stakeholders with effective decision support for managing soybean rust in soybean fields during the 2005 growing season. Specific components of the framework are to: (1) Deliver an operational surveillance and monitoring network to provide timely information on the extent and severity of soybean rust epidemics in the United States, Caribbean basin, and Central America; (2) Provide a web-based system for disseminating distributional information, forecasts, and decision criteria to stakeholders; (3) Develop decision criteria for fungicide applications; (4) Provide predictive modeling of aerial transport of SBR spores from active source regions to soybean growing areas in the U.S.; and (5) Provide coordinated outreach to growers. The Cooperative State Research, Education and Extension Service (CSREES) and the Agricultural Research Service (ARS) continue to play significant roles in this effort. Those agencies will take on even more prominent roles, and APHIS less so, for long-term disease management, research and outreach for SBR.